

FEDERAL ITEM IDENTIFICATION GUIDE

AIR CONDITIONER

ITEM NAME CODE

06486

This Reprint replaces FIIG A505G, dated December 7, 2007.



Commander

Defense Logistics Information Service

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This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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SECTION I

MRC	Mode Code	Requirements																		
NAME	D	ITEM NAME																		
		Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.																		
		Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED06486*)																		
AAXX	D	MOUNTING TYPE																		
		Definition: INDICATES THE TYPE OF MOUNT UTILIZED TO SUPPORT THE ITEM.																		
		Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAXXDACF*; AAXXDACF\$DABM*)																		
		<table><tr><td><u>REPLY CODE</u></td><td><u>REPLY (AA78)</u></td></tr><tr><td>ACF</td><td>FLOOR</td></tr><tr><td>AFH</td><td>RACK</td></tr><tr><td>AAK</td><td>SKID</td></tr><tr><td>AAM</td><td>TRAILER</td></tr><tr><td>AFV</td><td>TRUCK</td></tr><tr><td>ABM</td><td>WALL</td></tr><tr><td>ACS</td><td>WALL PANEL</td></tr><tr><td>AFW</td><td>WINDOW</td></tr></table>	<u>REPLY CODE</u>	<u>REPLY (AA78)</u>	ACF	FLOOR	AFH	RACK	AAK	SKID	AAM	TRAILER	AFV	TRUCK	ABM	WALL	ACS	WALL PANEL	AFW	WINDOW
<u>REPLY CODE</u>	<u>REPLY (AA78)</u>																			
ACF	FLOOR																			
AFH	RACK																			
AAK	SKID																			
AAM	TRAILER																			
AFV	TRUCK																			
ABM	WALL																			
ACS	WALL PANEL																			
AFW	WINDOW																			
AWXK *	J	REFRIGERANT CAPACITY																		
		Definition: THE AMOUNT OF REFRIGERANT THE ITEM WILL HOLD.																		
		Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AWXKJAS40.0*; AWXKJAN18.1*)																		
		<table><tr><td><u>REPLY CODE</u></td><td><u>REPLY (AG67)</u></td></tr><tr><td>AN</td><td>OUNCES</td></tr><tr><td>AS</td><td>POUNDS</td></tr></table>	<u>REPLY CODE</u>	<u>REPLY (AG67)</u>	AN	OUNCES	AS	POUNDS												
<u>REPLY CODE</u>	<u>REPLY (AG67)</u>																			
AN	OUNCES																			
AS	POUNDS																			
BBLT *	J	CAPACITY RATING																		
		NOTE: Reply to this MRC if Reply Code AFV is entered for MRC AAXX.																		

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SECTION I

MRC Mode Code Requirements

Definition: A MEASUREMENT OF THE CAPACITY OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BBLTJBYA3.5*; BBLTJBYB3.5\$\$JBYC4.0*; BBLTJBXA8.8*)

Table 1

REPLY CODE
BX
BY

REPLY (AG67)
METRIC TONS
TONS

Table 2

REPLY CODE
A
B
C

REPLY (AC20)
NOMINAL
MINIMUM
MAXIMUM

BYNP * J MAXIMUM HAULING SPEED

NOTE: Reply to this MRC if Reply Code AAM is entered for MRC AAXX.

Definition: THE MAXIMUM SPEED AT WHICH THE ITEM IS RATED FOR HAULING.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., BYNPJH14.9*: BYNPJH14.9\$JJ24.00*)

REPLY CODE
J
H

REPLY (AA22)
KILOMETERS PER HOUR
MILES PER HOUR

AGDH * A WHEEL QUANTITY

NOTE: Reply to this MRC if Reply Code AFV or AAM is entered for MRC AAXX.

Definition: THE NUMBER OF WHEELS INCLUDED ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AGDHA4*)

AGDJ * A DRIVE WHEEL QUANTITY

NOTE: Reply to this MRC if Reply Code AFV is entered for MRC AAXX.

Definition: THE NUMBER OF DRIVE WHEELS INCLUDED ON THE ITEM.

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SECTION I

MRC Mode Code Requirements

Reply Instructions: Enter the quantity. (e.g., AGDJA2*; AGDJA2\$A3*)

CYGG * D CABINET MATERIAL

Definition: THE CHEMICAL COMPOUND OR MECHANICAL MIXTURE PROPERTIES OF WHICH THE CABINET IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CYGGDSTA000*; CYGGDALA000\$DSTA000*; CYGGDALA000\$DSTA000*)

<u>REPLY CODE</u>	<u>REPLY (MA01)</u>
ALA000	ALUMINUM
ALC000	ALUMINUM-COPPER FREE
FEA000	IRON
PCA000	PLASTIC
STA000	STEEL
STB000	STEEL CORROSION RESISTING
WDC000	WOOD

SFTT * D SURFACE TREATMENT

Definition: THE METALLIC, NONMETALLIC, AND/OR CHEMICAL PROPERTIES WITH WHICH THE ITEM IS PLATED, DIPPED, AND/OR COATED. THE TREATMENT IS DESIGNED TO PROTECT THE SURFACE(S) AND CANNOT BE WIPED OFF.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SFTTDENA000*; SFTTDCLC000\$DCLD000*; SFTTDENA000\$DEND000*)

<u>REPLY CODE</u>	<u>REPLY (SF01)</u>
ENA000	ENAMEL
END000	ENAMEL BAKED
CLD000	ENAMEL PORCELAIN
LQA000	LACQUER
PNA000	PAINT
CLC000	PORCELAIN
ZNA000	ZINC

ARNA D COOLANT TYPE

Definition: INDICATES THE TYPE OF COOLANT USED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., ARNADAE*; ARNADAE\$DAF*)

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MRC	Mode Code	Requirements										
AZSD	D	COMPRESSOR UNIT TYPE										
Definition: INDICATES THE TYPE OF COMPRESSOR UNIT FOR WHICH THE ITEM IS DESIGNED.												
Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AZSDDAJP*; AZSDDAJN\$DAJP*)												
<table><tr><td><u>REPLY CODE</u></td><td><u>REPLY (AK54)</u></td></tr><tr><td>AJN</td><td>CLOSED</td></tr><tr><td>ALM</td><td>HERMETICALLY SEALED</td></tr><tr><td>AJP</td><td>OPEN</td></tr><tr><td>ALT</td><td>SEMIHERMETIC</td></tr></table>			<u>REPLY CODE</u>	<u>REPLY (AK54)</u>	AJN	CLOSED	ALM	HERMETICALLY SEALED	AJP	OPEN	ALT	SEMIHERMETIC
<u>REPLY CODE</u>	<u>REPLY (AK54)</u>											
AJN	CLOSED											
ALM	HERMETICALLY SEALED											
AJP	OPEN											
ALT	SEMIHERMETIC											
AZAD *	D	CONDENSER COOLING TYPE										
Definition: INDICATES THE TYPE OF COOLING FOR WHICH THE CONDENSER IS DESIGNED.												
Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AZADDAAB*; AZADDAAB\$DACN*)												
<table><tr><td><u>REPLY CODE</u></td><td><u>REPLY (AB75)</u></td></tr><tr><td>AAB</td><td>AIR</td></tr><tr><td>ACN</td><td>WATER</td></tr></table>			<u>REPLY CODE</u>	<u>REPLY (AB75)</u>	AAB	AIR	ACN	WATER				
<u>REPLY CODE</u>	<u>REPLY (AB75)</u>											
AAB	AIR											
ACN	WATER											
CPZH *	B	MAXIMUM AIR CAPACITY IN CUBIC FEET PER MINUTE										
Definition: THE MAXIMUM AMOUNT OF AIR FOR WHICH THE ITEM IS RATED, EXPRESSED IN CUBIC FEET PER MINUTE.												
Reply Instructions. Enter the numeric value. (e.g., CPZHB60.000*)												
CSXQ *	B	MAXIMUM AIR CAPACITY IN CUBIC METERS PER MINUTE										
Definition: THE MAXIMUM AMOUNT OF AIR FOR WHICH THE ITEM IS RATED, EXPRESSED IN CUBIC METERS PER MINUTE.												
Reply Instructions. Enter the numeric value. (e.g., CSXQB60.000*)												
ATJK	D	POWER SOURCE										
Definition: THE SOURCE OF POWER WHICH DRIVES THE ITEM.												

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SECTION I

MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATJKDAE*; ATJKDAC\$DAD*)

<u>REPLY CODE</u>	<u>REPLY (AG27)</u>
AC	DIESEL ENGINE
AD	ELECTRIC MOTOR
AE	GASOLINE ENGINE
BW	TURBO-GENERATOR

AFPS B ENERGY EFFICIENCY RATIO

Definition: A RATING COMPUTED BY DIVIDING COOLING CAPACITY (BTUs) BY THE WATTS OF POWER USED TO HELP DETERMINE THE OPERATING COST.

Reply Instructions: Enter the numeric value. (e.g., AFPSB9.5*)

AFSS J DESIGN CURRENT RATING IN AMPS

Definition: THE VALUE OF THE CURRENT FLOWING THROUGH THE ITEM WHEN OPERATED AT ITS DESIGNED VOLTAGE, EXPRESSED IN AMPERES.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFSSJA11.5*)

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AWLX * A ELECTRIC MOTOR QUANTITY

NOTE: Reply to this MRC if Reply Code AD is entered for MRC ATJK.

Definition: THE NUMBER OF ELECTRIC MOTORS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., AWLXA2*; AWLXA1\$A2*)

ALCD * G USAGE DESIGN

NOTE: Reply to this MRC if Reply Code AD is entered for MRC ATJK.

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

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SECTION I

MRC Mode Code Requirements

Reply Instructions: Enter the reply in clear text. Separate replies with a comma. (e.g., ALCDGCOMPRESSOR*; ALCDGCOMPRESSOR, CONDENSER*)

ANCY * B HORSEPOWER RATING

NOTE: Reply to this MRC if Reply Code AD is entered for MRC ATJK.

Definition: AN INDICATION OF THE RATED HORSEPOWER OF THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., ANCYB2.250*)

CTMG * B KILOWATT RATING

NOTE: Reply to this MRC if Reply Code AD is entered for MRC ATJK.

Definition: AN INDICATION OF THE RATED KILOWATT OF THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., CTMGB25.0*)

ACDC * D CURRENT TYPE

NOTE: Reply to this MRC if Reply Code AD is entered for MRC ATJK.

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB*; ACDCDB\$DC*)

<u>REPLY CODE</u>	<u>REPLY (AB62)</u>
B	AC
C	DC

AMSE * J VOLTAGE RATING

NOTE: Reply to this MRC if Reply Code AD is entered for MRC ATJK.

Definition: THE VALUE(S) OF POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMSEJVA110.0*; AMSEJVB110.0\$\$JVC115.0*)

<u>Table 1</u>	
<u>REPLY CODE</u>	<u>REPLY (AB63)</u>
K	KILOVOLTS

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MRC Mode Code Requirements

V VOLTS

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ACZB * J FREQUENCY RATING

NOTE: Reply to this MRC if Reply Code AD is entered for MRC ATJK.

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZBJEA60.0*; ACZBJEB50.0\$\$JEC60.0*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AC32)</u>
E	HERTZ
K	KILOHERTZ

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

FAAZ * D PHASE

NOTE: Reply to this MRC if Reply Code AD is entered for MRC ATJK.

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDB*; FAAZDA\$DC*)

<u>REPLY CODE</u>	<u>REPLY (AD02)</u>
A	SINGLE
E	SINGLE/THREE
C	THREE
B	TWO

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SECTION I

MRC Mode Code Requirements

CYJE * J COOLING CAPACITY IN BTU PER HOUR

Definition: THE CAPACITY OF THE ITEM TO COOL, EXPRESSED IN
BRITISH THERMAL UNITS PER HOUR.

Reply Instructions: Enter the applicable Reply Code from the table below, followed
by the numeric value. (e.g., CYJEJA6000.0*; CYJEJB6000.0\$\$JC7500.0*)

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AZSF * J NOMINAL COOLING CAPACITY

Definition: THE NOMINAL CAPACITY OF THE ITEM TO COOL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed
by the numeric value. (e.g., AZSFJA200.0*; AZSFJC60.0*)

<u>REPLY CODE</u>	<u>REPLY (AC64)</u>
A	CUBIC FEET PER MINUTE
C	CUBIC METERS PER MINUTE

CYKM * J HEATING CAPACITY IN BTU PER HOUR

Definition: THE CAPACITY OF THE ITEM TO HEAT, EXPRESSED IN
BRITISH THERMAL UNITS PER HOUR.

Reply Instructions: Enter the applicable Reply Code from the table below, followed
by the numeric value. (e.g., CYKMJA20000.0*; CYKMJB22000.0\$\$JC27000.0*)

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AZSH * J NOMINAL HEATING CAPACITY

Definition: THE NOMINAL CAPACITY OF THE ITEM TO HEAT.

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MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AZSHJA200.0*; AZSHJC60.9*)

<u>REPLY CODE</u>	<u>REPLY (AC64)</u>
A	CUBIC FEET PER MINUTE
C	CUBIC METERS PER MINUTE

ADNH * J FILTRATION RATING IN MICRONS

Definition: THE SIZE OF THE SMALLEST PARTICLE WHICH THE ELEMENT IS CAPABLE OF REMOVING FROM THE FLUID WHICH PASSES THROUGH THE FILTERING MATERIAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g. ADNHJA40.0*; ADNHJG10.0\$\$JA40.0*)

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
G	ABSOLUTE (The complete removal of the particles equal to or larger than the absolute rating)
A	NOMINAL (The ability to remove 90 percent of the particles equal to or larger than the nominal rating.

ABHP * J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA0.250*; ABHPJLA6.0*; ABHPJAB0.312\$\$JAC0.328*)

<u>Table 1</u> <u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

<u>Table 2</u> <u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

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SECTION I

MRC Mode Code Requirements

ABMK * J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA0.250*; ABMKJLA6.0*; ABMKJAB0.312\$\$JAC0.328*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ABKW * J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA0.250*; ABKWJLA6.0*; ABKWJAB0.312\$\$JAC0.328*)

Table 1

REPLY CODE

A

L

REPLY (AA05)

INCHES

MILLIMETERS

Table 2

REPLY CODE

A

B

C

REPLY (AC20)

NOMINAL

MINIMUM

MAXIMUM

ABFY * J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT

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SECTION I

MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA10.125*; ABFYJLA245.0*; ABFYJLB240.0\$\$JLC245.0*)

Table 1

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

AZQK * J WEIGHT

Definition: A RELATIVE MEASUREMENT OF THE MASS OF AN ITEM IN RESPECT TO ITS DENSITY.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AZQKJASA0.250*; AZQKJBXA6.0*; AZQKJASB0.312\$\$JASC0.328*)

Table 1

REPLY CODE

BX
AS
BY

REPLY (AG67)

METRIC TONS
POUNDS
TONS

Table 2

REPLY CODE

A
B
C

REPLY (AC20)

NOMINAL
MINIMUM
MAXIMUM

CBBL * D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDDUH*)

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SECTION I

MRC Mode Code Requirements

<u>REPLY CODE</u>	<u>REPLY (AN47)</u>
DUG	COOLING TOWER
DUH	EVAPORATIVE CONDENSER

FEAT * G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. (e.g., FEATGQUALITY CONTROLLED*)

TEST * J TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE code, a dash, and the document identification number. (e.g., TESTJA12345-CWX654321*; TESTJA12345-654321\$JB55566\N66354*; TESTJA12345-654321\$JB55566-663654*)

<u>REPLY CODE</u>	<u>REPLY (AC28)</u>
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "nominal", etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc; excludes any specification, standard, or other document that may be referenced in a basic governing drawing.)

MRC Mode Code Requirements

SPCL * G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ZZZK * J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B\$\$JP80205-NAS1103*)

<u>REPLY CODE</u>	<u>REPLY (AN62)</u>
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION

MRC	Mode Code	Requirements
	P	SPECIFICATION PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD
ZZZT *	J	NONDEFINITIVE SPEC/STD DATA
		NOTE: If the specification/standard cited in reply to MRC ZZZK is nondefinitive, reply to MRC ZZZT. This reply is the data which is not recorded in Segment C.
		Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.
		Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1\$\$JSTA*; ZZZTJTY1\$JSTA*)
ZZZW *	G	DEPARTURE FROM CITED DOCUMENT
		Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPARTS(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.
		Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)
ZZZX *	G	DEPARTURE FROM CITED DESIGNATOR
		Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.
		Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)
ZZZY *	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

MRC	Mode Code	Requirements
		<p>Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.</p> <p>Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)</p>
CRTL *	A	<p>CRITICALITY CODE JUSTIFICATION</p> <p>Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.</p> <p>Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAAKJA*; CRTLAAKJA\$\$ACSGS*)</p> <p>Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.</p>
PRPY *	A	<p>PROPRIETARY CHARACTERISTICS</p> <p>NOTE: If Document Availability Code B, D, F, or H, reply to MRC PRPY.</p> <p>Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.</p> <p>Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAAKJA\$\$ACSGS*)</p>
ENAC *	D	<p>ENVIRONMENTAL ATTRIBUTE CODE</p> <p>NOTE: Answering this MRC will generate an ENAC Code in the Item Identification Segment (A) of the NSN.</p>

MRC Mode Code Requirements

Definition: INDICATES THE TYPE OF PRODUCT THAT MEETS OR EXCEEDS THE GOVERNMENT GUIDELINES FOR ENVIRONMENTALLY PREFERRED CHARACTERISTICS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ENACDFG*; ENACDFG\$\$DJT*)

<u>REPLY CODE</u>	<u>REPLY (EN02)</u>
<i>LE</i>	<i>ENERBY EFFICIENT – ENERGY STAR - HEATING & COOLING – AIR-SOURCE HEAT PUMPS</i>
<i>LM</i>	<i>ENERGY EFFICIENT – ENERGY STAR – APPLIANCES – ROOM AC</i>
<i>FQ</i>	<i>ENERGY EFFICIENT – ENERGY STAR – HEATING & COOLING – AIR-SOURCE HEAT PUMPS</i>
<i>LP</i>	<i>ENERGY EFFICIENT – ENERGY STAR - HEATING & COOLING-CENTRAL AC</i>
<i>FG</i>	<i>ENERGY EFFICIENT- FEMP – APPLIANCES – ROOM AIR CONDITIONERS</i>
<i>GM</i>	<i>ENERGY EFFICIENT – FEMP – COMMERCIAL AND INDUSTRIAL EQUIPMENT – COMMERCIAL HEAT PUMPS</i>
<i>GL</i>	<i>ENERGY EFFICIENT- FEMP - COMMERCIAL AND INDUSTRIAL EQUIPMENT - COMMERCIAL UNITARY AIR CONDITIONERS</i>
<i>JT</i>	<i>ENERGY EFFICIENT- FEMP – COMMERCIAL AND INDUSTRIAL EQUIPMENT – GROUND-SOURCE HEAT PUMPS</i>
<i>FP</i>	<i>ENERGY EFFICIENT- FEMP – RESIDENTIAL EQUIPMENT AIR SOURCE HEAT PUMPS</i>
<i>FK</i>	<i>ENERGY EFFICIENT – FEMP - RESIDENTIAL EQUIPMENT – CENTRAL AIR CONDITIONERS</i>
<i>NR</i>	<i>REVIEWED - DOES NOT MEET SOME ENAC CRITERIA</i>

ELRN * G EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

FIIG A505G
INC 06486
SECTION I

MRC	Mode Code	Requirements
		<p>If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).</p> <p>In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.</p>
CLQL *	G	<p>COLLOQUIAL NAME</p> <p>Definition: A COMMON USAGE NAME BY WHICH AN ITEM IS KNOWN.</p> <p>Reply Instructions: Enter the reply in clear text. (e.g., CLQLGWOVEN WIRE CLOTH*)</p>
CXCY *	G	<p>PART NAME ASSIGNED BY CONTROLLING AGENCY</p> <p>Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.</p> <p>Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)</p>
AGAV *	G	<p>END ITEM IDENTIFICATION</p> <p>Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.</p> <p>Reply Instructions: Enter the applicable reply in clear text.</p> <p>(e.g., AGAVG3930-00-000-0000*; AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)</p>

Reply Tables

Table 1 - REFRIGERANTS 19

Table 2 - NONDEFINITIVE SPEC/STD DATA..... 19

Table 1 - REFRIGERANTS
REFRIGERANTS

<u>REPLY CODE</u>	<u>REPLY (AL57)</u>
BH	AMMONIA, TECHNICAL
BD	CARBON DIOXIDE
BJ	CARBON DIOXIDE, TECHNICAL
BM	CARRENE-500
BF	FLUORINATED HYDROCARBON
AT	FREON-C-318 (octafluorocyclobutane)
AD	FREON-11 (trichlorofluoromethane)
AE	FREON-12 (dichlorodifluoromethane)
AF	FREON-13 (chlorotrifluoromethane)
AG	FREON-13B1 (bromotrifluoromethane)
AH	FREON-14 (tetrafluoromethane)
AJ	FREON-21 (dichlorofluoromethane)
AK	FREON-22 (chlorodifluoromethane)
AL	FREON-23 (trifluoromethane)
AM	FREON-113 (trichlorotrifluoromethane)
AN	FREON-114 (dichlorotetrafluoromethane)
AP	FREON-114B2 (dibromotetrafluoromethane)
AQ	FREON-115 (chloropentafluoromethane)
AR	FREON-116 (hexafluoromethane)
AS	FREON-142 (chlorodifluoromethane)
BN	FREON-500
AW	FREON-502
AX	GENETRON-21 (dichlorofluoromethane)
AY	GENETRON-23 (fluoroform)
AZ	GENETRON-115 (monochloropentafluoromethane)
BA	GENETRON-142B (difluoro-1-chloromethane)
BB	GENETRON-152A (difluoromethane)
AA	HFC-134A (tetrafluoroethane)
BC	KULENE-131 (dichlorodifluoromethane)
BE	METHYL CHLORIDE
BG	METHYL CHLORIDE, TECHNICAL
	R-12 (use Reply Code AE)
	R-22 (use Reply Code AK)
	R-134A (use Reply Code AA)
AC	WATER

Table 2 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

No table of contents entries found.

FIIG Change List

FIIG Change List, Effective September 4, 2009

Added Reply/Reply Code NR - REVIEWED - DOES NOT MEET SOME ENAC CRITERIA and revised decoded replies for MRC ENAC, Section 1.

Deleted A - ANYACCEPTABLE from MRC CYGG, SFTT, and Appendix A, Table 1.